



CALIFORNIA  
**WATERFIX**  
RELIABLE. CLEAN. WATER.



# 2017 WATER FORUM – *CALIFORNIA'S WATER FUTURE*

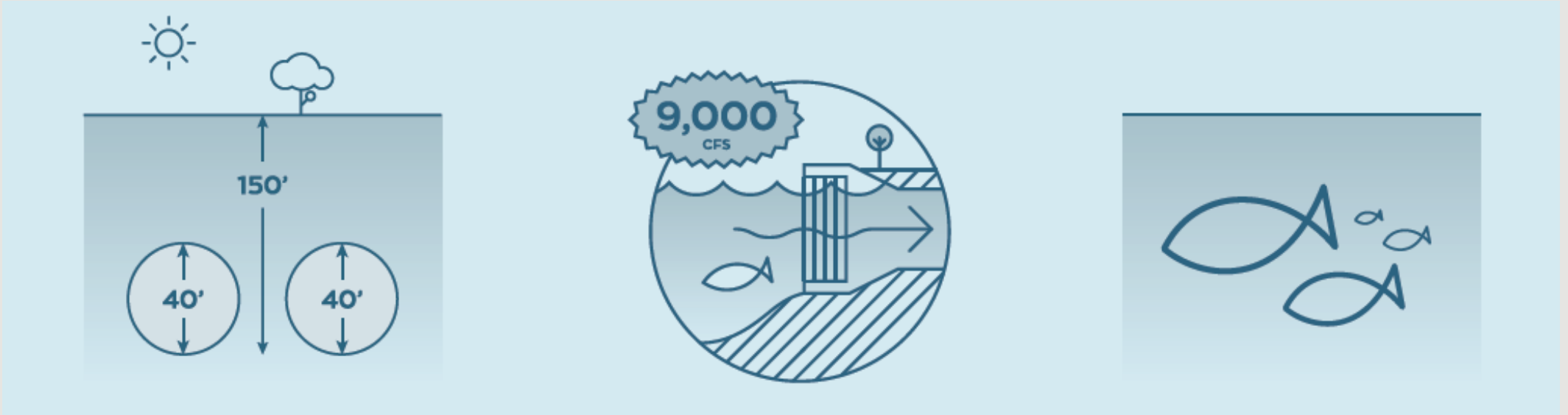
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Erin Mellon, *Department of Water Resources*

August 31, 2017



# WATER SYSTEM UPGRADE



Two Tunnels

Three Intakes

More Natural Flows



## WATER RELIABILITY FOR CALIFORNIA



# IMPORTANT FOR CALIFORNIA

## WATER SUPPLY RELIABILITY



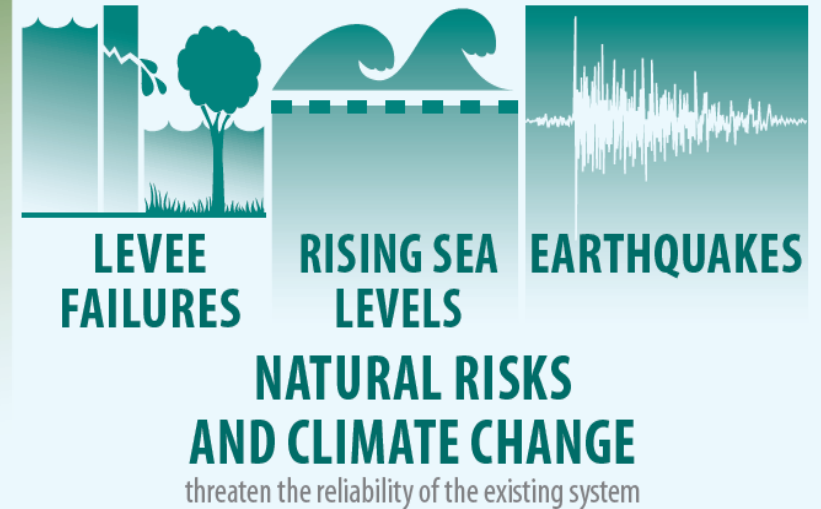
**MORE THAN  
3 MILLION  
ACRES OF FARMLAND**

rely on water from the Delta

## ECOSYSTEM RESTORATION



## CLIMATE RISK ADAPTATION



- ✓ Part of the state's overall water management portfolio
- ✓ Provides 4.9 million acre-feet of water on average annually
- ✓ Creates more than 136,000 full-time equivalent jobs



## IMPORTANT FOR THE DELTA'S ECOSYSTEM



Fish protection



Community and environmental protection



Real-time operations



Water quality and monitoring network



Adjusting to seasonal conditions



Multi-agency adaptive management program



# Millions of Californians Rely on Imported Water Conveyed Through the Delta

## METROPOLITAN WATER DISTRICT of SOUTHERN CALIFORNIA



**30%** OF ALL SERVICE AREA DEMANDS ARE MET BY WATER  
imported through the Delta

**40%** OF MWD'S SERVICE AREA RELIES  
100% on Delta water



**18.7 million** residents served  
**14 CITIES**  
**11 MUNICIPAL WATER DISTRICTS**  
**1 COUNTY WATER AUTHORITY**



**WATERFIX WILL PROTECT  
THIS CRITICAL WATER SUPPLY**



## DECLINING BASELINE

### LONG-TERM AVERAGE DELTA EXPORTS



1 Million Acre-Feet (MAF)



326 billion gallons of water



Enough to supply 7.4 million people with water for one year



Enough to supply 2.5 million households with water for one year

Without WaterFix, water deliveries are expected to decline by 1 million acre-feet annually due to climate change and increased pumping restrictions



## EFFICIENT & COST EFFECTIVE OPTION

### Local projects/alternatives:

- ✓ Are important, but often cost more and won't maintain water supplies
- ✓ Often depend on Delta water as an original source
- ✓ Work better under WaterFix

#### SILICON VALLEY ADVANCED WATER PURIFICATION CENTER

COST	\$72 Million
ANNUAL YIELD	9,000 acre-feet

#### CARLSBAD DESALINATION PLANT

COST	\$1 Billion
ANNUAL YIELD	56,000 acre-feet



## ENVIRONMENTAL REVIEW – JULY 2017

- ✓ Environmental analysis certified by DWR
- ✓ Notice of Determination and associated decision documents finalized
- ✓ WaterFix approved as the proposed project under CEQA

### STAKEHOLDER INPUT HELPED INFORM CALIFORNIA WATERFIX

**228-DAY**

PUBLIC REVIEW PERIOD  
ON THE DRAFT EIR/EIS

**18,500**  
COMMENTS

OVER

**600**

**BRIEFINGS, PUBLIC  
MEETINGS, AND  
WORKING GROUPS**

HELD THROUGHOUT THE  
DELTA AND CALIFORNIA TO  
PROVIDE CRITICAL PROJECT  
INFORMATION AND SOLICIT  
INPUT SINCE 2008

**113-DAY**

PUBLIC REVIEW PERIOD  
ON THE RECIRCULATED DRAFT  
EIR (RDEIR)/SUPPLEMENTAL  
DRAFT EIS (SDEIS)

**12,500**  
COMMENTS





## WHAT HAPPENS NEXT - PERMITTING

Endangered Species Act Section 7 Consultation/BiOps - *Issued June 2017*

California Department Of Fish And Wildlife (CDFW) 2081(B) Permit – *Issued July 2017*

National Historic Preservation Act Section 106 Compliance

Section 401 Of The Clean Water Act – Water Quality Certification

CDFW Lake And Streambed Alteration Agreement, Section 1602

U.S. Army Corps Of Engineers (USACE) Section 404 Permit

State Water Resources Control Board Change Petition

USACE Section 408 Permit





# COST AND PARTICIPATION DECISIONS

1

## **PUBLIC WATER AGENCY WORKSHOPS**

Public water agencies contemplating participation in California WaterFix will have public workshops for their boards of directors to discuss cost, financing, infrastructure, operations and project delivery throughout the summer of 2017.

2

## **PUBLIC WATER AGENCY INVESTMENT**

Public water agencies may decide in fall 2017 whether to invest in the pre-construction phase of the project.

3

## **PROJECT DELIVERY**

Also in fall 2017, participating public water agencies will decide whether to participate in a project delivery Joint Powers Authority to design and construct WaterFix, consistent with state law.



## STAY CONNECTED

[www.californiawaterfix.com](http://www.californiawaterfix.com)



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# QUESTIONS